

Allen County HamNews

Fort Wayne Radio Club

Allen County Amateur Radio Technical Society

September 2003

Volume 4 Issue 9

BPL Is "Spectrum Pollution," ARRL President Says

from *The ARRL Letter* – ARRL President Jim Haynie, W5JBP, says Broadband over Power Line (BPL)—if widely deployed—would represent "spectrum pollution" on a level that is "difficult to imagine." Haynie reacted after seeing videotape and early data from recent ARRL field studies in four states where BPL is undergoing testing.

"BPL is the most crucial issue facing Amateur Radio and the one that has the most devastating potential," Haynie said. In terms of interference potential on HF and low-VHF frequencies, "nothing is on the same scale as BPL."

A form of power line carrier (PLC) technology, BPL would use existing low and medium-voltage power lines to deliver broadband services to homes and businesses. Because it uses frequencies between 2 and 80 MHz, BPL could affect HF and low-VHF amateur allocations wherever it's deployed. BPL proponents—primarily electric power utilities—already are testing BPL systems in several markets, and one reportedly is already offering the service. FCC rules already allow BPL, although industry proponents want the FCC to relax radiation limits. It's feared such a change could exacerbate BPL's interference potential.

During the ARRL forum at the West Gulf Division Convention (Austin Summerfest 2003) August 1-2 in Austin, Texas,

Haynie previewed a short video highlighting a recent tour of BPL field trial sites by ARRL Lab Manager Ed Hare, W1RFL. In late July, Hare traveled to BPL trial communities in Maryland, Virginia, Pennsylvania and New York to take measurements over significant parts of the HF spectrum and initial readings at low-VHF. Driving a specially equipped vehicle loaded with radio gear and measurement devices, Hare said he didn't need to look long to find BPL interference. "The signals were all over," he said. "The interference found ranged from moderate to extremely strong."

The video shows the S meter of an HF transceiver holding steady in excess of S9 as the speaker emits a crackling din, which one observer described as sounding like a Geiger counter. Only the very strongest amateur signals broke through on 20 and 15 meters. Hare noted, however, that the field strengths of the various systems all were within FCC Part 15 limits for power line carrier (PLC) devices.

Each BPL system exhibited a unique sound depending upon the modulation scheme it used. While in most cases it sounded like static or pulse noise, in one city warbling "birdies" blanketed the bands at closely spaced intervals.

The ARRL already has filed a 120-page package of text and technical exhibits in response to the FCC's Notice of Inquiry in late May. The League plans to file reply comments—re-

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Allen County HamNews is a monthly joint publication of the Fort Wayne Radio Club (P.O. Box 15127, Fort Wayne, IN) and the Allen County Amateur Radio Technical Society (P.O. Box 10342, Fort Wayne, IN).

Please send any articles, corrections, for sale notices, etc. to the editor, Victor Guess, WB9UZA, wb9uza@arrl.net. Please put "for newsletter" in the subject line. Text should be plain ASCII, graphics should be JPEG or GIF. For those computer impaired: snail mail to 3311 Sanibel Drive, Fort Wayne, IN, 46815-4755.

Deadline for October issue is 10/3/2003.
Please do NOT send anything in all caps!!

Internet Home Pages:

Fort Wayne Radio Club:
<http://www.fortwayneradioclub.org>

ACARTS:
<http://www.acarts.com>
Ft Wayne DX Association:
<http://www.qsl.net/fwdxa/>

Hamsplatter

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President's Corner



I would like to start out this month by thanking everyone who participated at our now annual August Tailgate Hamfest. We were set up in the Good Shepherd Church parking lot. The skies threatened rain for a time but we stayed dry the entire time. The mosquitoes stayed away completely until about 8:00 PM.

My count was 18 people with tailgates open selling goodies from wire to towers to Tri-Band beams to HF rigs. Since there are no tickets or fees to sell and people are coming and going all evening, it is hard to get a complete count of attendees. But I can say that at one point in time I did count over 60 people wandering the lot purchasing their treasures.

When the mosquitoes did come out around 8 PM the crowd did disperse but there is no doubt that it was another successful tailgate hamfest for the club. This has fast become a favorite club activity and is sure to stay on our club calendar in the future.

The only minor incident was the varmint that appeared to be eating Larry's (KB9OS) automobile. But even that incident had a positive outcome.

Even though summer is almost over we still have a lot of activities on the FWRC calendar for this fall. The September General Meeting is coming up on the 19th of the month. The program will be a little different this month. We have been talking about the 146.94 repeater controller for several months but we never have time to discuss the issue completely. So we are going to take some extra time this month to do a complete discussion of the issues and vote on what direction to take. Please see my article elsewhere in the newsletter for specific details on the issues and proposed vote.

September is also our month for nominations for FWRC board positions for the 2004 calendar year. I have been encouraged to see some new faces participating in the leadership of the club. Please think about running for a FWRC board position. We have

a great organization; but, we have a lot more great people to get involved.

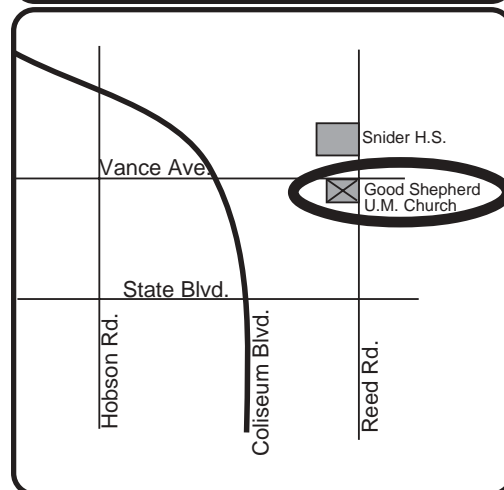
October will bring our elections for 2004 FWRC board positions at the general meeting on October 17th. More about the rest of the October program as we get closer.

In addition, October brings the Boy Scout Jamboree On The Air. We appreciate all the help and co-operation that we have received for the local Boy Scout organization. Al, KC9APT, has been a great supporter of amateur radio in the Boy Scouts. We had a good day of operating last year and we believe we have an even better plan this year with an opportunity to work with a lot more of the scouts. If possible, you will want to join us for this activity this year.

More on club activities for the rest of the year later; see you at the meeting on the 19th!

Tom / N9TB

September Meeting:
Fri, Sep. 19, 2003, 7:30 PM
Program: discussion of 146.94
repeater controller replacement;
nominations



Proposed FWRC 146.94 Repeater Upgrade**- Tom / N9TB**

Earlier this year at a FWRC board meeting; the subject of upgrading the repeater controller for the 146.94 repeater was discussed. There were two major concerns that led to the discussion.

The first concern was that the existing controller is out of production. If the repeater were to fail, it would be harder to get replacement parts for a unit out of production.

The second issue with the existing controller was the inability to place voice announcement messages on the "94" machine. We currently put announcements of club meetings and other activities on the "76" repeater on an as required basis. However, we do not have that capability on the "94". Because there is more activity on the "94" than the "76", it makes sense to put announcements on the "94" so that we can reach more people with this information.

The initial discussions revolved around using profits from the chicken sales to purchase a new repeater controller. The initial proposal was for a Computer Automation Technology CAT-1000 system with a Digital Voice Recorder (DVR), rack mount, and programming software for about \$1000. After research and discussions at a second FWRC board meeting, a second proposal was for a CAT-300DXL with DVR, rack mount and software for \$746. The recommendation from the Board was to purchase the CAT-300DXL. A short time after the FWRC board vote; Chad, W9GGA, had some discussions with sales people at CAT and they offered the club a special deal of a CAT-1000, DVR, rack mount, audio delay, and software for only \$800. Because the sum of money is over \$100, the club constitution requires a vote by the club at a general meeting, which brings us to where we are today. We have tried

several times to discuss this proposal but each time we have run out of time. So we decided to set aside the program time at the September meeting to give us sufficient time. I encourage everyone to come and help us with this decision.

There are several questions that need to be answered at the general meeting this month.

- The first and most fundamental question is: does the majority of the club think that a new repeater controller is necessary either for the reasons given above or for other reasons?
- We did not lose money on the chicken sales this year. But as a first time fundraiser we were not able to sell all the chicken at the sale at full price. We ended up only making a couple hundred dollars. If we want a new controller do we want to purchase it now from savings or do we want to wait until a year when we are able to make more money in a fundraiser than we did this year?

- The third question is, if we want a new controller and if we want to purchase it from savings, do we want to purchase the CAT-300DXL for \$746 or do we want the special deal on the CAT-1000 for \$800. The major differences for the club right now are that the CAT- 300DXL has 20 voice messages and the CAT-1000 has 40.

I encourage anyone interested in this issue to visit the CAT web site before the next general meeting at www.catauto.com. The CAT web site has a very nice repeater controller comparison chart and descriptions of the accessories. This would be a great way to be informed before the next meeting. We hope to have you there to be part of the discussion.

BPL – Continued from page 1

sponses to comments already filed—by the recently extended August 20 FCC deadline.

Haynie has been doing a bit of traveling of his own, including more than two weeks in Washington so far this year dealing with the FCC and with members of Congress on BPL and other Amateur Radio-related issues.

Countering critics who suggest that the League is only using BPL as a fund-raising ploy, Haynie said the League would not be putting as much effort into attempting to quantify the BPL threat and to put a face on it if it weren't real.

"The BPL industry and their associations have told the FCC and the world that there is no interference potential from BPL systems," Haynie said. "Anyone seeing these BPL signals for megahertz after megahertz for miles along a power line should be convinced that BPL—even operating at the present FCC limits—poses a serious threat to all HF and low-VHF communications."

More information is available on the ARRL Web site <<http://www.arrl.org/news/features/2003/07/08/1/>>. Additional information and video clips are on the ARRL "Power Line Communications (PLC) and Amateur Radio" page <<http://www.arrl.org/tis/info/HTML/plc/>>.

STATE OF THE ARTS

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President's Message



Looks like summer is almost over. It sure has been a crazy summer for weather. From a hot spell to a very wet one. I do not look forward to what may come this winter. Soon it will be time for our Hamfest, and in the next few weeks we will start recruiting workers. If you worked last year and want to do the same job and time slot, contact the person who was your manager. You do not have to wait until you get a call. If you are a new ham and want to help at the Hamfest, contact Jim Boyer, KB9IH.

We are still in a holding pattern to get our club station on the air. At the July meeting, we put up some antennas. We still need to have the coax access box moved from the old location to our new room. When that is done we can connect coax to the antennas. I hope this can get done while the weather is still good.

Last month was our Family Picnic. It was held at the QTH of Jim Boyer, KB9IH. I would like to thank Jim and his wife Corrine for hosting this annual event. All who attended had a good time and enjoyed a lot of good food and fellowship. In case you are wondering, Jim did not burn the hamburgers this year. He did a pretty good job on them.

And now another episode of Computer Man. I finally got my High Speed Internet from Comcast up and running. For almost three weeks, I was unable to connect. I called tech support several times, and had to reschedule service calls several times as they came before the set time. I had not come home from work yet, and I find an message on my answer machine that I was cancelled. I tried putting my modem closer to the cable outlet and running coax or Cat 5 cable to the room where the computer was located. I was still unable to connect. I sent e-mails to those I knew had Comcast to ask for suggestions. One of those replies helped. It came from Don, WB8HQS. He suggested I call tech support and verify my MAC ID. I copied all the numbers off the modem and call them. They had my MAC ID keyed in wrong. A letter was keyed in as a number. That info was put in here at the local office when I signed up. The tech apologized and said that should have been caught on the first support call. The first thing they try to do is "ping"

your modem. If they cannot ping the modem, they should verify the MAC ID. At least I am finally connected. It sure is different from dial up. The upgrades to anti-virus and Windows now only take a few minutes. I will also have a new e-mail address now. It will be vberko@comcast.net.

The program for this month will on PSK, and will be given by Tom Baker, N9TB. We hope to have a live demo since we have an HF antenna up now. We just have to run some coax out the back door to the antenna. If you have an interest in PSK and want to learn more about it, come to this meeting. Well, that's all for this month.

73,
Vic, KA9LTV

Meeting Schedule

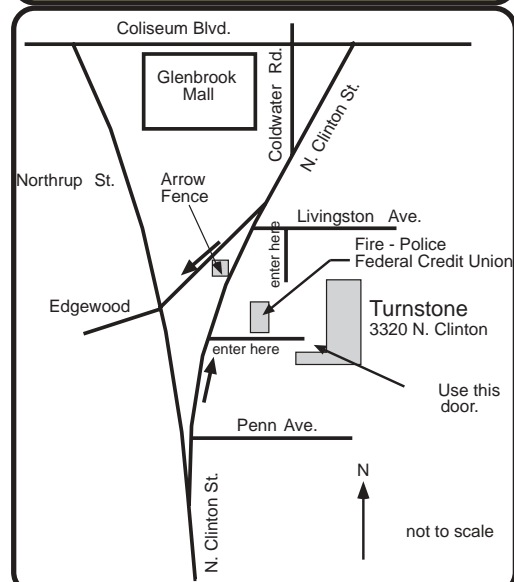
All meetings are at 7:30 PM at Turnstone unless otherwise noted.

ACARTS General Meeting: PSK presented by Tom Baker, N9TB

Board Meeting: 9/9/2003

All members are encouraged to attend.

Tech Committee: no meeting this month



ACARTS Picnic



September ACARTS Program

The program for September will be on PSK, and will be given by Tom Baker, N9TB. We hope to have a live demonstration since we have a HF vertical antenna up at Turnstone. We still need to do some work on access to the outside, but we can run some coax out the back door for the demo. If you are interested in PSK, and want to find out more about it, be sure to make this meeting.

73,
Vic, KA9LTV

Note: There are no ACARTS General Meeting minutes this month due to the picnic.

August ACARTS Board Meeting Minutes



The August ACARTS board meeting was called to order by President Vic Berko, KA9LTV.

Vic began the meeting by talking about installation of the antenna at Turnstone. A hole in the wall hadn't been drilled for the cabling, but several different antenna configurations were mentioned.

Doug Jones, N9NNT then discussed how the 255 controller was being used on 440 since the original 440 controller failed. Doug also mentioned that everything had been squared away with Channel 15.

The meeting was adjourned at around 8:15 PM.

Respectfully Submitted,

Kevin, KC9BUR



Ft Wayne DX Association

Isn't Working DX Supposed to Be Fun? - by Carl Luetzelschwab K9LA

In the February 2002 FWDXA column, Jim KR9U told us about his successful effort to work P5/4L4FN. His story reminded me of two of my more memorable moments in working DX. Both happened when we lived in the Dallas/Ft Worth area.

The first 'memorable moment' was in 1982. FB8WG showed up on Crozet Island (one of three French possessions in the southern Indian Ocean - the other two being Kerguelen Island and Amsterdam Island). Since FB8WG wasn't an experienced DXer and his English wasn't too good, he preferred to work via a list operation. That means an emcee takes charge (the list taker), picks calls out of the pileup, and then relays the calls sequentially to the DX station so he can work them.

The list taker in this instance was a European station, and after much calling I got on the list. When I got on the list, I figured this one was in the bag. But then the emcee threw all of us a curve - the list this weekend was being taken to work FB8WG next weekend. Oh, geez - a bunch of questions ran through my mind. Would the list remain intact for a week? Would the list taker show up next weekend? Would FB8WG show up next weekend? Would propagation be OK next weekend?

I worried the whole week. But my worries were unfounded. On

the next weekend, the emcee was there, FB8WG was there, the list was intact, propagation was decent, and FB8WG went in my log.

The second 'memorable moment' was in 1987. 3Y1EE (Peter I Island down by Antarctica) showed up. The pileups were huge. I came home from work one day and decided to jump into the 20 m CW pileup. I started right after dinner (around 5:30 PM) with my 400 W (from a Dentron GLA1000 sweep tube amp) to a Cushcraft A3 tri-bander at 40 ft.

Around 8:30 PM our two boys went to bed (they were 8 years old and 6 years old at the time), and I was still in the pileup.

Around 10 PM Vicky went to bed, and I was still calling.

Finally, at 11:50 PM I worked 3Y1EE. That was the hardest (and longest) I've ever worked in a pileup.

The next evening 3Y1EE showed up on 40 m CW.

Wouldn't you know it - I worked him on the second call. If I would have known that 40 m was going to be so easy, I wouldn't have spent over 6 hours in the 20 m pileup the previous night. Of course 40 m was 'easy' only because I lucked out and was on the right frequency at the right time. 40m could have easily turned into a multi-hour marathon like 20 m.

Although this is just a hobby, sometimes it takes a commitment just like all the other important things in life. Now if I could just figure out how to get paid for spending hours in a pileup . . .

W9DXCC Convention and Banquet



The 51st Annual W9DXCC Convention and Banquet will be held on Saturday September 20 at the Holiday Inn in Rolling Meadows, IL.

Presentations include AH3D by W3UR, K9DX's Monster 160 m antenna, 7P8DA by K4SV, Force 12 Antennas by N6BT, and several others. Dave K1ZZ is the Banquet Speaker.

The Convention offers DXCC card checking (no restrictions on 160m, deletes, and older than 10 years), along with Friday night and Saturday night hospitality suites.

Come enjoy a day of DXing events.

For details, see www.w9dxcc.com or e-mail Bill W9VA at w9va@aol.com

Fort Wayne Radio Club Tailgate Hamfest, 8/15/03





FCC Puts No-code International's Morse Petition On Public Notice

from *The ARRL Letter* – The FCC has invited public comments on another Morse code-related petition for rule making—this one from No-Code International (NCI) <<http://www.nocode.org/>>. It's designated RM-10786. When the FCC put six other Morse-related petitions in the sequence RM-10781 through RM-10787 on public notice, RM-10786 failed to show up on the FCC's Electronic Comment Filing System (ECFS) <<http://www.fcc.gov/cgb/ecfs/>>. It remained missing through September 2. NCI calls on the FCC to delete Element 1—the 5 WPM Morse code exam—"totally" from the Amateur Service rules and grant "Tech Plus" privileges to current Technicians. It also wants the FCC to act on the matter as soon as possible, preferably in a separate rule making and without further ado.

"[T]he Commission clearly has the authority to modify its rules on its own initiative and without further public notice or comment," NCI asserted in its 20-page petition.

NCI notes that World Radiocommunication Conference 2003 (WRC-03) made optional the requirement to prove the ability to send and receive Morse signals to operate below 30 MHz. As a result, "the Commission is no longer bound to maintain any Morse proficiency requirement." The Morse requirement, NCI contends, is keeping newcomers away from Amateur Radio.

Comments poured in this week from members of the amateur community on all seven petitions. Clearly ahead in the comment-collection race is the petition filed by the National Conference of Volunteer Examiner Coordinators, RM-10787, which had collected more than 350 comments by week's end. The other petitions each have garnered more than 100 comments apiece.

Interested parties may file comments on any or all petitions now on public notice

<http://hraunfoss.fcc.gov/edocs_public/attachmatch/DOC-238494A1.pdf> by using the FCC's Electronic Comment Filing System (ECFS) <<http://www.fcc.gov/cgb/ecfs/>>. The ECFS also permits users to view all comments on file. There is a 30-day comment window.

To file a comment, click on "Submit a Filing" under "ECFS Main Links." In the "Proceeding" field, type the full RM number, including the hyphen, and complete the required fields. "RM" must be in capital letters, and you must include the hyphen between "RM" and the five-digit number. You may type your remarks into a form or attach a file. ECFS also accepts comments in active proceedings via e-mail, per instructions on the ECFS page.

To view any comments already submitted for each petition, click on "Search for Filed Comments" under "ECFS Main Links" and type in the complete RM number, including the hyphen, in the "Proceeding" field. "RM" must be in capital letters, and you must include the hyphen between "RM" and the five-digit number.

Several countries—including Switzerland, Belgium, the UK, Germany, Norway and the Netherlands—already have moved to drop their Morse requirements. Austria, New Zealand and Australia are expected to do so soon.

New Meaning To Clean Energy

Millennium Cell of Eatontown, New Jersey, is working on hydrogen fuel cells based on sodium borohydride, made from borax, a natural mineral mined to make laundry soap. A solution of sodium borohydride is passed over a proprietary catalyst releasing hydrogen, which is combined with oxygen in a fuel cell to generate electricity.

The company claims to have developed several prototype systems for portable electronic devices that are no bigger than standard battery packs, but deliver up to four times the battery life. Stephen Tang, Millennium Cell's president and chief executive says the company's fuel system will deliver 12 hours of cell-phone talk time instead of four, and a month of standby instead of a week.

Sodium borohydride is nonflammable and noncorrosive, easier and safer to store than gasoline and friendlier to the environment. The fuel-cell system's byproducts are borax and water. "It is less environmentally hazardous than alkaline batteries that are concentrated Drano, essentially," said Tang. Millennium Cell claims sodium borohydride is much safer than competing methanol fuel-cell technologies under development by many electronics manufacturers, including Toshiba, NEC, Casio, Sony, Nokia and Ericsson.

DaimlerChrysler has a prototype of a minivan, the Town & Country Natrium, powered by sodium borohydride fuel cells.

For more information see:

<<http://www.wired.com/news/technology/0,1282,60305,00.html>>

< <http://www.millenniumcell.com/news/hod.html>>

< http://www.princeton.edu/~dcahan/fuelcells/H_storage.shtml>

< http://www.h2cars.biz/artman/publish/article_144.shtml>

League Documents Digital Modes

from *The ARRL Letter* – With a new Web page on digital mode specifications, ARRL hopes to make answering the question “Is that mode legal?” a lot easier.

Until 1995, the only permissible digital modes under Part 97 rules were RTTY and modes that used ASCII codes. On November 1 of that year, the FCC—acting on an ARRL petition—agreed to allow the use of any digital mode, providing its technical characteristics were “publicly documented”—§97.309(a)(4)—and the HF digital mode explosion began in earnest.

To make finding technical specifications for existing and emerging digital modes more convenient, ARRL now provides technical documentation for many modes now in use on its “§97.309(a)(4) Technical Descriptions” page <<http://www.arrl.org/FandES/field/regulations/techchar/>>.

“We needed a better place to find whether a technique has been published,” said ARRL Technical Relations Manager Paul Rinaldo, W4RI, in explaining the move to make the information more readily available. “A place on the Web seemed to be the best way of letting the amateur community know that a technique is published as well as providing an accurate technical description of what it is.”

The documentation is adequate to recognize the technique or protocol when observed on the air, to determine the call signs of stations in communication and to read the content of their transmissions. The page currently contains technical descriptions of CLOVER, CLOVER-2000, G-TOR, PACTOR, PACTOR-II and PSK31. Volunteers are developing documentation for MT63, PACTOR-III, MFSK-16 and Q15X25 for later addition.

The ARRL invites help from designers, manufacturers, users and user groups to fill in the gaps for additional modes. Send information or inquiries to ARRL Technical Relations Manager Paul Rinaldo, W4RI <w4ri@arrl.org>.

For Sale & Wanted

For Sale:

- Equipment rack, double wide, 44"W, 50"H, 17"D, disassembled, \$40
- Equipment rack, desk top, 21"W, 16"H, 15"D, \$20
- QST magazine collection 1957 to 1999, \$20

Mike Stein, WB9NOO, 456-6544, mstein@gobroadway.org

* * *

For Sale:

- YAESU FT-707 HF TRANSCEIVER. 80 to 10 plus WARC bands. 100 watts output, CW, SSB, 40 watts AM. Very rugged, good mobile rig. Excellent receiver with very good BDR characteristics. (crystal mixed, ham bands only) \$300 firm.
- ICOM IC-260A 2 meter Transceiver, SSB, CW, FM. 10 watts out with 1 watt QRP setting. Mobile size rig. Works great. \$100 firm.

From FWRC:

- Hy-Gain TH-4 tribander. Decent condition, on ground, needs new clamps.
- CushCraft 5 element 6-meter beam. Cut for 50.110 MHz. Very good condition, on ground.

Steve Nardin, WB9ZIY, 260-483-4039 Fort Wayne, IN

NOTE: For Sale & Wanted items will be listed for 2 months only unless the ad is resubmitted. If you sell an item the first month, please contact the editor so the item can be removed.



Regional Hamfests

<u>Date</u>	<u>Location</u>	<u>Contact Phone</u>	<u>URL or E-mail</u>
13 Sept 2003	Grand Rapids, MI	616-458-9029	http://www.w8dc.org/swap.htm
14 Sept 2003	Adrian, MI	517-263-5407	http://www.qsl.net/w8tqe
27-28 Sept 2003	Grayslake, IL	630-628-1501	http://www.chicagofmclub.org
5 Oct 2003	Goshen, IN	574-291-0252 (7-10 PM)	ka9wnr@att.net
12 Oct 2003	Kalamazoo, MI	269-624-1156	http://www.KalamazooHamRadio.com
26 Oct 2003	Warren, MI	586-791-4669	http://useca.net
31 Oct -			
1 Nov 2003	Holland (Zeeland), MI	616-396-2294	w8gcw@arrl.net
15-16 Nov 2003	Fort Wayne, IN	260-484-1314 (info)	http://www.fortwaynehamfest.com

For more complete information go to <http://www.acarts.com/hamfests.htm> or <http://www.arrl.org/hamfests.html#listing>



Test Points

18-Sep-2003
 Sponsor: GOSHEN ARC
 Time: 7:00 PM (Walk-ins allowed)
 Contact: LYLE L LONG
 (574)875-8455

Email: N1LL@JUNO.COM
 VEC: ARRL/VEC
 Location: ELKHART COUNTY FAIRGROUNDS
 GOSHEN, IN 46526

27-Sep-2003
 Sponsor: UNSPONSORED
 Time: 2:00 PM (No walk-ins)
 Contact: ROBERT E HIGH
 (419)795-5763
 VEC: ARRL/VEC
 Location: EMA BLDG
 1220 LINCOLN HIGHWAY
 VAN WERT, OH 45891

27-Sep-2003
 Sponsor: W5YI-VEC — WHITLEY COUNTY ARC
 Time: 9:00 AM (Walk-ins allowed)
 Contact: ROGER L MC ENTARFER
 (219)691-3009
 Email: N9QCL@ARRL.NET
 VEC: W5YI VEC
 Location:
 BASEMENT MEETING ROOM
 101 W MARKET ST - SUITE C
 WHITLEY COUNTY JAIL
 COLUMBIA CITY, IN 46725

09-Oct-2003
 Sponsor: GOSHEN ARC
 Time: 7:00 PM (Walk-ins allowed)
 Contact: LYLE L LONG
 (574)875-8455
 Email: N1LL@JUNO.COM
 VEC: ARRL/VEC
 Location: GREENCROFT RETIREMENT CENTER
 HOMAN BUILDING
 GREENCROFT BLVD
 GREENCROFT RETIREMENT CTR
 GOSHEN, IN 46525

25-Oct-2003
 Sponsor: UNSPONSORED
 Time: 2:00 PM (No walk-ins)
 Contact: ROBERT E HIGH
 (419)795-5763
 VEC: ARRL/VEC
 Location: EMA BLDG
 1220 LINCOLN HIGHWAY
 VAN WERT, OH 45891

01-Nov-2003
 Sponsor: FORT WAYNE VE TEAM
 Time: 9:00 AM (Walk-ins allowed)
 Contact: WILLIAM C HALL
 (260)485-3995
 Email: WD9HII@ARRL.NET
 VEC: W5YI VEC
 Location: ALLEN COUNTY PUBLIC LIBRARY
 536 E DUPONT RD
 DUPONT BRANCH
 FORT WAYNE, IN 46825

15-Nov-2003
 Sponsor: ForWayne Hamfest and Computer Expo
 Time: 9:00 AM-11:30 AM
 Contact: WILLIAM C HALL, WD9HII
 (260) 485-3995
 Email: WD9HII@ARRL.NET
 VEC: W5YI VEC
 Location: Allen CountyWar Memorial Coliseum
 4000 Parnell Ave.
 Fort Wayne, IN 46805

22-Nov-2003
 Sponsor: UNSPONSORED
 Time: 2:00 PM (No walk-ins)
 Contact: ROBERT E HIGH
 (419)795-5763
 VEC: ARRL/VEC
 Location: EMA BLDG
 1220 LINCOLN HIGHWAY
 VAN WERT, OH 45891

29-Nov-2003
 Sponsor: W5YI-VEC — WHITLEY COUNTY ARC
 Time: 9:00 AM (Walk-ins allowed)
 Contact: ROGER L MC ENTARFER
 (219)691-3009
 Email: N9QCL@ARRL.NET
 VEC: W5YI VEC
 Location:
 BASEMENT MEETING ROOM
 101 W MARKET ST - SUITE C
 WHITLEY COUNTY JAIL
 COLUMBIA CITY, IN 46725

ECHO LINK Info

ECHO LINK NODE:

maintained by: KB9RLW
 Simplex Frequency: 145.700 FM only
 Node number: 16686
 Random connection: dial "00"
 Hang up or disconnect: dial "#"
 Identify: dial "*"

Membership Application for ☐ FWRC - and/or - ☐ ACARTS

Name: _____ Call sign: _____ License class: _____

Street address: _____ City: _____

State: _____ ZIP: _____-4 Phone #: (____) _____-_____ Unlisted? ☐ Yes

Email address: _____ ARRL Member? ☐ Yes

May we list your name, call & email address in our membership roster and on our club web site? ☐ Yes ☐ No

Both clubs now offer this newsletter as a downloadable (Adobe Acrobat) PDF file, in lieu of a paper copy sent through the mail. For FWRC a mailed paper newsletter is a \$6.00/yr. premium.

How would you like your newsletter delivered? ☐ by snail mail ☐ download from web site.

Fort Wayne Radio Club Dues

Regular membership	<input type="checkbox"/> \$15.00 / year
Family membership ¹	<input type="checkbox"/> \$21.00 / year
Student membership ²	<input type="checkbox"/> \$6.00 / year
Associate membership ³	<input type="checkbox"/> \$15.00 / year
Mailed newsletter	<input type="checkbox"/> \$6.00 / year

(Memberships for Jul - Dec are 1/2 the stated amounts.)

A.C.A.R.T.S. Dues

Regular membership	<input type="checkbox"/> \$12.00 / year
Additional family members ¹	<input type="checkbox"/> \$6.00 / year
Student membership ²	<input type="checkbox"/> \$6.00 / year
Associate membership ³	<input type="checkbox"/> \$6.00 / year

(New Regular memberships are \$1/month)

1. Please list all names and calls on an attached sheet.

2. K-12 or full time student

3. unlicensed member

4. 9 digit ZIP code required for US bulk mail

Please attach a check (number _____) for the appropriate amount and bring to a club meeting or mail to:

Fort Wayne Radio Club
PO Box 15127
Fort Wayne, IN 46885

A.C.A.R.T.S.
PO Box 10342
Fort Wayne, IN 46851

For dual membership, fill out both sides and send 2 checks to either club. **Payment by check is strongly encouraged!**

ACARTS Voice Repeaters

146.880 (-) General use / Skywarn priority
147.255 (+) General use / Autopatch priority
443.800 (+) General use

(All repeaters have autopatch, but 88 has only speed dial emergency #'s.)

ACARTS Digital Repeaters (digipeaters)

144.390 (s) APRS - wide
145.010 (s) General use, NETROM (FWA) - wide
223.660 (s) BBS use ONLY NETROM (FWA220) - wide

Fort Wayne Radio Club Repeaters

Voice: 146.76 (-) General use
146.94 (-) General use with autopatch
146.91 (-) Autopatch only
444.875 (+) General use
ATV: 439.25 In, 910.250 Out, 144.340 Audio & control

Area Traffic Nets

(please submit any changes or corrections to the editor)

IMO: meets nightly at 6:30 p.m. (2330 UTC) on 146.88

Auburn: meets Mon., Tue., Wed., Thur., Fri., & Sat. at 6 p.m. (2300 UTC) on 147.36(+)

21 Repeater Group: meets each Wednesday at 9 p.m. (0200 UTC) on 147.150

Helping Hands Net: Mondays @ 9:00 p.m. 146.94(-)

Miscellaneous Nets

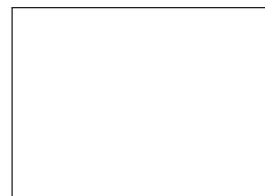
Huntington ARES: Saturday at 8:00 p.m. (0100 UTC) on 146.685

Whitley Co. / ARES: Wednesdays at 7:15 p.m. (0015 UTC) on 145.270 (Note 131.8 PL disabled for all nets)

Whitley Co. Sunday: Sundays at 7:45 p.m. (0045 UTC) on 444.550 +. (The 146.460 simplex crossbanding from both nets has been dropped.)

Six Meter AM net (informal): Every Saturday night at 7:00 p.m. and Sunday at 8:30 p.m. on 50.580 MHz .

Allen County HamNews
PO BOX 10342
FORT WAYNE, IN 46851



TO:



Activities Calendar



Date	Time	Event	Place
9/16/03	7:30 PM	ACARTS General Meeting	Turnstone Center
9/19/03	7:30 PM	FWRC General Meeting	GSUMC
10/3/03		deadline for Oct. ACHN items	
10/7/03	7:00 PM	FWRC Board Meeting	GSUMC
10/14/03	7:30 PM	ACARTS Board Meeting	Turnstone Center
10/17/03	7:30 PM	FWRC General Meeting	GSUMC
10/21/03	7:30 PM	ACARTS General Meeting	Turnstone Center
11/7/03		deadline for Nov. ACHN items	
11/11/03	7:00 PM	FWRC Board Meeting	GSUMC
11/11/03	7:30 PM	ACARTS Board Meeting	Turnstone Center
11/15/03		Ft. Wayne Hamfest	Coliseum
11/16/03		Ft. Wayne Hamfest	Coliseum